

REMARKS

The following remarks are submitted as a full and complete response to the outstanding Action. By this Amendment, claims 5 and 9 have been amended and new claims 12-14 have been added to further set forth the application. Applicant submits that the amendments made herein are fully supported in the specification and the drawings as originally filed, and therefore no new matter has been added.

Accordingly, claims 1-14 are now pending in this application and submitted for consideration.

Allowable Subject Matter

It is noted with appreciation that claims 1-4, 6-8, 10 and 11 have been indicated in the outstanding Action as being allowed.

Claim Rejections:

Claim 5 is rejected under 35 U.S.C. §112, second paragraph, as being indefinite.

In response, claim 5 has been amended to overcome this rejection.

Claim 9 is rejected under 35 U.S.C. §102(b) as being anticipated by Schneider et al. (U.S. Patent No. 4,514,822, hereinafter "Schneider").

It is respectfully submitted that **Schneider** does not disclose or teach an address generation circuit including a control register that receives control data from a

processing unit as now set forth in claim 9. Accordingly, claim 9 as amended distinguishes and is allowable over **Schneider**.

* * * * *

To further set forth the present application, new claims 12 and 13 have been added to depend from allowed claim 1, and new claim 14, which is supported by the description on page 6, line 21 to page 7, line 5, and page 10, lines 18-22 of the specification, has also been added.

In view of the above remarks, the Applicant respectfully submits that each of claims 1-14 recite subject matter which is neither disclosed nor suggested in the cited art. Applicant therefore requests that each of claims 1-14 be found allowable, and this application passed to issue.

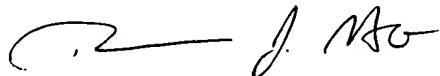
If for any reason the Examiner determines that the application is not now in condition for allowance, it is respectfully requested that the Examiner contact, by telephone, the Applicant's undersigned attorney at the indicated telephone number to arrange for an interview to expedite the disposition of this application.

In the event this paper is not timely filed, the Applicant respectfully petitions for an appropriate extension of time.

Any fees for such an extension together with any additional fees may be charged to Counsel's Deposit Account No. 01-2300, referring to client-matter number 108075-00017.

Respectfully submitted,

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